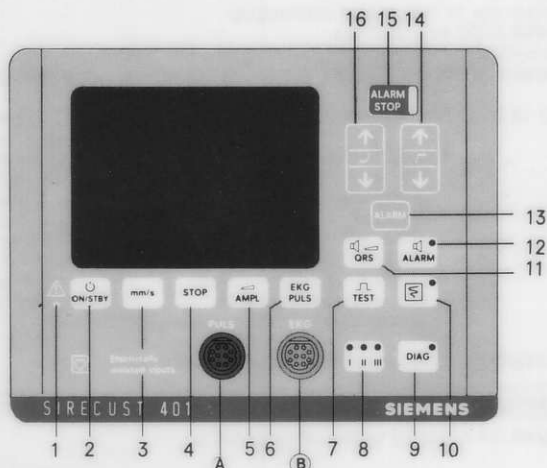


SIRECUST 401



- 1 **POWER INDICATOR LIGHT (GREEN)**
Illuminated if power is connected and rear power switch has been turned to ON.
- 2 **ON / STANDBY**
Key to turn the SIRECUST 401 ON to instantaneously start monitoring after patient admission or to place 401 in STANDBY after patient discharge.
- 3 **SWEEP SPEED SELECTOR**
Successive actuations select between waveform display speeds of 25 mm/s and 50 mm/s.
- 4 **STOP**
Key to freeze (hold) waveform display. To release press key again.
- 5 **AMPLITUDE (Display Size)**
Key to adjust waveform amplitude. Sustained pressure on the key first will reduce amplitude to lowest setting and then increase stepwise. When desired amplitude is reached, release key.
- 6 **INPUT SELECTOR**
Key to select signal from two simultaneous inputs either input A: PULSE, or input B: EKG
- 7 **TEST**
If key is pressed, predetermined signals are applied to the inputs A and B to test unit function (1 mV Cal. for EKG).
- 8 **SUCCESSIVE ACTUATIONS SELECT LEAD CONFIGURATION I, II, III**
Lamp is illuminated to indicate selected lead configuration.
- 9 **DIAGNOSTIC MODE SELECTOR KEY**
This key is used when determining amount of filtering required for EKG display. When led is not illuminated, it is in the monitoring mode which supplies a filter to remove baseline wander and muscle artifact. In diagnostic mode, filtering is removed and a full EKG bandwidth is used. In DIAG mode the led is illuminated.
- 10 **RECORDER START**
Key to start remote recorder connected to a SIRECUST 454 or 455 central station.
- 11 **QRS BEEP VOLUME**
Sustained pressure on key first will reduce to lowest volume and then continually increase to maximum volume. When desired volume is reached, release key.
- 12 **AUDIBLE ALARM**
Key to enable or disable audible alarm. If yellow indicator is illuminated, audible alarm is enabled. To disable sustained pressure on the key is required (more than 2 sec).
- 13 **ALARM ENABLE/DISABLE**
Key to enable or disable alarms for a monitored parameter.
- 14 **UPPER ALARM LIMIT**
Keys to adjust upper alarm limit.
- 15 **ALARM STOP**
Controls resetting of alarm. Initial actuation disables alarm for 2 minutes. Second actuation (before 2 min timeout) releases the stop and resets the alarm.
- 16 **LOWER ALARM LIMIT**
Key to adjust lower alarm limit.
- A **CONNECTOR**
for infra-red puls receptor
- B **CONNECTOR**
for EKG patient cable with leads

Apply sustained pressure on this key (longer than 2 sec) to disable this function.

SIRECUST 401

SIEMENS

UPON ALARM

1. Tone sounds (if enabled, key 12 indicator is illuminated)
2. Red indicator in **ALARM STOP** key 15 blinks
3. **HR** or **PR** designator blinks
4. Alarm message is transmitted to a SIRECUST 454 or 455 central station (if available)

Press **ALARM STOP** key 15 to silence audible alarm



For two minutes:

1. Audible alarm is silenced
2. Red indicator in **ALARM STOP** key 15 is steadily illuminated
3. **HR** or **PR** designator continue blinking until cause of alarm is cleared
4. No further alarm will be transmitted to central station

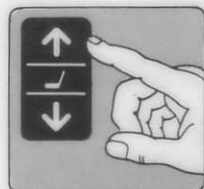
After two minutes with alarming condition reset:

1. Audible alarm is enabled again (only if yellow indicator in key 12 illuminated)
2. Red indicator in **ALARM STOP** key 15 is extinguished
3. **HR** or **PR** designators are normal (unboxed)
4. Monitor is ready for next alarm

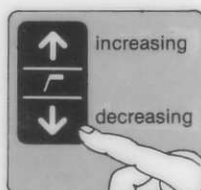
After two minutes with alarming condition not reset: **ALARM** will reoccur.

ALARM LIMIT ADJUSTMENT

Limits will automatically be set at 50/150 when unit is turned on.

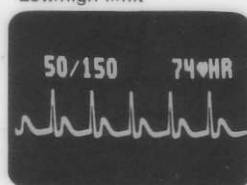


Adjust Low Limit



Adjust High Limit

Low/high limit



ALARM ENABLE/DISABLE



Key 13 to select function

50/150 74 HR

ALARM ENABLE (Automatic, when unit is turned on)
(unboxed, light letters, dark background)

50/150 74 HR

ALARM DISABLE (boxed, constant dark letters on light background)

MEDICAL ALARMS (4 sec delay)

ASY

ASYSTOLE will be indicated if no QRS complex is detected for longer than 4 seconds.

A*

ABNORMAL EKG indication will appear with presence of muscle tremor or movement artifact.

TECHNICAL ALARMS (without delay)

L*

LEAD OFF will occur if lead or electrode is detached or broken or skin resistance is excessive.

U*

UNPLUGGED will be displayed if EKG patient cable or pulse receptor are not connected.

HEART/PULSE RATE in excess of range of 300 bpm.

♥

Each detected QRS/Pulse complex will be indicated by this symbol.

*

If this symbol is indicated instead of ♥ each pacemaker evoked patient QRS complex will be detected and counted. For patients with pacemaker select lead to obtain * symbol to assure **ASY** alarm at heart failure.

BATT

With optional battery pack installed **BATTERY** warning indicator will be displayed to indicate that battery capacity will last for a short operating time only.